

Power Cost Memorandum Fuel Cost Update

Date: December 3, 2020

Utility Name (Cert. No.) (767)	Utility File No. PC66-0217L	Date Filed: October 27, 2020
Birch Creek Tribal Council d/b/a Birch Creek Electric Company		

PCE AMOUNT SUMMARY	Previously Approved PC66-0217K	Staff Recommended Amount(s) and Effective Date PC66-0217L
Class Rate	Date Approved: July 1, 2020	December 4, 2020
Residential	\$0.7540	\$0.7540
Community Facilities	\$0.7540	\$0.7540
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 3.9755 <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	New Fuel Purchase Price: \$ 3.0796 <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____ Surcharge Change: Previous _____	Updated _____

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/3/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
McAlpine		<i>SM</i> SM		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JW</i> JW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Birch Creek Tribal Council d/b/a Birch Creek Electric Company
POWER COST EQUALIZATION CALCULATION
FOR PERIOD ENDING September 30, 2016
Fuel Cost Update

APPENDIX 1

		PC66-0217K	PC66-0217L	
		Prior Commission Approved	Utility Request	Staff Recommended
A	Total KWH Generated	122,028	122,028	122,028
B.	Total KWH Sold (Appendix 2)	85,573	85,573	85,573
C.	Total Non-Fuel Costs (Appendix 2)	63,809	63,809	63,809
D.	Non-Fuel Cost/KWH (C / B)	\$0.7457	\$0.7457	\$0.7457
E.	Total Fuel Costs (Appendix 2)	51,065	39,557	39,557
F.	Fuel Costs/KWH (E / B)	\$0.5967	\$0.4623	\$0.4623
G.	Eligible Costs/KWH (D + F)	\$1.3424	\$1.2079	\$1.2079
H.	Eligible Cost/KWH (G)			
	Less 20.63 cents/kWh	\$1.1361	\$1.0016	\$1.0016
I.	Lesser of (H) or 79.37 cents/kWh	\$0.7937	\$0.7937	\$0.7937
J.	Average Class Rates (Appendix 3)			
	Residential	\$0.9437	\$0.9437	\$0.9437
	Community Facility	\$0.9437	\$0.9437	\$0.9437
Class Power Cost Equalization Per kWh Payable				
K.	Lesser of: (I) x 95%, or (J)			
	Residential	\$0.7540	\$0.7540	\$0.7540
	Community Facility	\$0.7540	\$0.7540	\$0.7540
L.	Funding Level in Effect	100%	100%	100%
	Residential	\$0.7540	\$0.7540	\$0.7540
	Community Facility	\$0.7540	\$0.7540	\$0.7540

** kWh generated is an estimate.

PC66-0217L
Appendix 1


Birch Creek Tribal Council d/b/a Birch Creek Electric Company
SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
FOR PERIOD ENDING September 30, 2016
Fuel Cost Update

APPENDIX 2

			PC66-0217K	PC66-0217L	
			Prior Commission Approved	Per Utility	Staff Recommended
Non-Fuel Costs:					
A.	Personnel Expense		52,222	52,222	52,222
B.	Operating Expense		2,031	2,031	2,031
C.	General and Administrative Expense		9,556	9,556	9,556
D.	Depreciation Expense		-	-	-
E.	Interest Expense		-	-	-
F.	Total Non-Fuel Costs		63,809	63,809	63,809
Fuel Costs:					
G.	Gallons Consumed for Electric Generation	**	12,845	12,845	12,845
H.	Price of Fuel:(per gal.) Actual*		3.9755	3.0796	3.0796
I.	Total Fuel Costs		51,065	39,557	39,557
J.	kWh Generated	**	122,028	122,028	122,028
K.	kWh Sales		85,573	85,573	85,573
L.	Station Service		Not available	Not available	Not available
M.	Efficiency J/G)	≥ <u>Standard</u> 10.5	9.50	9.50	9.50
N.	Line Loss	≤ 12%	29.87%	29.87%	29.87%
(kWh generated - (kWh Sold+Station Service)/kWh generated					

* Fuel per gallon \$3.0670 Everts Air Fuel #98713
 Ak Sate Fuel Surcharge \$0.0095
 US Federal LUST Fee \$0.0010
 Federal Oil Spill Tax \$0.0021
\$3.0796

** Gallons Consumed and kWh generated are estimates.

Signature: 
Email: bob.pickett@alaska.gov

Signature: 
 Stephen McAlpine (Dec 2, 2020 17:21 AKST)
Email: stephen.mcalpine@alaska.gov

Signature: 
 Dan Sullivan (Dec 3, 2020 09:29 AKST)
Email: daniel.sullivan@alaska.gov

PC66-0217L
Appendix 2

Signature: 
Email: antony.scott@alaska.gov

Signature: 
Email: janis.wilson@alaska.gov

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **Residential**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	1.1500		1.1500	575.0000		
to						
to						
to						
Max 500			Total	575.0000	1.1500	0.9437

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

CALCULATION OF COMMUNITY FACILITY AVERAGE RATE PER kWh

Rate Schedule: **Community Facilities**

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to	1.1500		1.1500	0.943700
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to				
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to				
to				
to				

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to				
to				
to				